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10/627,647	07/28/2003	Naoto Arakawa	03500.017442.	3606

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EXAMINER	
BURLESON, MICHAEL L	
ART UNIT	PAPER NUMBER
2625	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/627,647	ARAKAWA, NAOTO	
	Examiner	Art Unit	
	Michael Burleson	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-28* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-28* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *08/13/2004*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 08/13/2004 was filed. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Priority

2. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d).

Claim Rejections - 35 USC § 101

1. 35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 11 and 26 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

Regarding claims 11 and 26, the program claimed is merely a set of instructions not embodied on a computer readable medium to realize the computer program functionality; the claimed subject matter is non-statutory.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-28 are rejected under 35 U.S.C. 102(e) as being anticipated by Endoh et al. US 2003/0142332.

Regarding claim 1, Endoh et al. teaches an image processing method in an image processing system in which plural client computers and one or more color image forming apparatuses are connected (figure 2), said method comprising the steps of: retrieving a list of profiles in the color image forming apparatus, by using profile name designation information of a page description language received from the client computer (page 5, paragraph 0119); setting the coincident profile to a color processing controller (page 5, paragraph 0119); and registering, in a case where the client computer is a new access client, information indicating access to the profile of the profile name designation information (page 11, paragraph 0207).

Regarding claim 2, Endoh et al. teaches wherein the registering is performed when the client computer is the new access client (page 11, paragraph 0207).

Regarding claim 3, Endoh et al. teaches wherein image data is subjected to color conversion by using an output profile already registered in the color image forming apparatus, in accordance with information in page description language data according to an image instructed to be printed by the client computer (page 5, paragraph 0119).

Regarding claim 4, Endoh et al. teaches wherein registration of the output profile is performed from the client computer (page 5, paragraph 0120).

Regarding claim 5, Endoh et al. teaches wherein the information indicates the number of registrations of accessing a profile of the profile name designation information (page 5, paragraph 0119).

Regarding claim 6, Endoh et al. teaches wherein the page description language does not include a real data portion of the profile (page 5, paragraph 0119).

Regarding claim 7, Endoh et al. teaches wherein the client computer holds as a registration-destination list a fact that color profiles are registered in the one or more color image forming apparatuses (page 11, paragraph 0207).

Regarding claim 8, Endoh et al. teaches wherein the information includes at least one of a network identifier of a user of the client computer and a client name of the user (page 5, paragraph 0116).

Regarding claim 9, Endoh et al. teaches wherein the information indicating the access includes at least one of a count of the number of access registrations, a network identifier of a user of the client computer and a client name of the user (page 5, paragraph 0116).

Regarding claim 10, Endoh et al. teaches wherein the information indicating the access is displayed on an operation unit of the client computer or the color image forming apparatus, and an operation unit of a digital color copying machine connected to the color image forming apparatus (page 4, paragraph 0107).

Regarding claim 11, the steps of method claim1 perform all of the program steps of claim 11. Thus, claim 11 is rejected for the same reasons discussed in the rejection of claim 1.

Regarding claim 12, the steps of method claim1 perform all of the program steps of claim 12. Thus, claim 12 is rejected for the same reasons discussed in the rejection of claim 1.

Regarding claim 13, Endoh et al. teaches an image processing method comprising the steps of: administrating profile list administration information capable of being registered and updated in a printer; and registering access information of profile data designated by a client, to the profile list administration information (page 5, paragraph 0119).

Regarding claim 14, Endoh et al. teaches a color image forming system which is composed of a color image forming apparatus capable of using page description language data on a network to which plural client computers are connected (page 5, paragraph 0119), wherein said color image forming apparatus comprises: means for outputting image data; means for analyzing specific page description language data and converting the analyzed data into raster image data; means for analyzing a content of a specific color profile and then converting image data based on the analyzed content;

means for administrating a list table of at least one or more color profiles, the list table including information acting as a key to retrieve the specific color profile, and further the list table being composed of a profile real data portion (page 5, paragraph 0119); means for holding data of the color profiles; means for storing client discrimination information in regard to the specific color profile print-instructed from the plural client computers; and means for holding information of individually discriminating the plural client computers, the information of individually discriminating the plural client computers being linked with the list table of the specific color profiles and updated at a timing of analyzing the page description language data print-instructed from an arbitrary client computer page 11, paragraph 0207).

Regarding claim 15, Endoh et al. teaches wherein the information of individually discriminating the plural client computers can be updated at timing after print output (page 11, paragraph 0207).

Regarding claim 16, Endoh et al. teaches wherein the information of individually discriminating the plural client computers includes a network identifier uniquely determined on the network (page 11, paragraph 0207).

Regarding claim 17. Endoh et al. teaches an image processing method in a color image forming system in which plural clients and a color image forming apparatus are connected through a network, wherein the color image forming apparatus holds at least one or more color profile data, holds information concerning the client in regard to the color profile data, and judges in case of deleting the color profile data whether or not

to delete the color profile data based on the information concerning the client (page 14, paragraph 0225).

Regarding claim 18, Endoh et al. teaches wherein the information concerning the client is discrimination information in regard to each of the plural clients that accessed (page 14, paragraph 0225).

Regarding claim 19, Endoh et al. teaches wherein the information concerning the client indicates the number of the clients that accessed (page 14, paragraph 0229).

Regarding claim 20, Endoh et al. teaches wherein the information concerning the client is time information in regard to each of the plural clients that accessed (page 14, 0229).

Regarding claim 21, Endoh et al. teaches wherein the color profile data is registered from the client (page 11, paragraph 0207).

Regarding claim 22, Endoh et al. teaches wherein, in response to a request of a color profile data list, the color profile list is displayed on an operation unit of the color image forming apparatus or a dialog box of the client (page 4, paragraph 0112 and page 5, paragraph 0119).

Regarding claim 23, Endoh et al. teaches wherein a list of profile access information in regard to each of the plural clients is displayed (page 4, paragraph 0112).

Regarding claim 24, Endoh et al. teaches wherein only the color profile that the number of the clients that accessed is equal to or higher than a profile deletion threshold (page 17, paragraph 0246).

Regarding claim 25, Endoh et al. teaches wherein the color profile is deleted based on last access date and time and current date and time (page 11, paragraph 0207).

Regarding claim 26, the steps of method claim17 perform all of the program steps of claim 26. Thus, claim 26 is rejected for the same reasons discussed in the rejection of claim 17.

Regarding claim 27, the steps of method claim17 perform all of the program steps of claim 27. Thus, claim 27 is rejected for the same reasons discussed in the rejection of claim 17.

Regarding claim 28, Endoh et al. teaches a color image forming system in which plural client computers and a color image forming apparatus are connected through a network, comprising: means for administrating a color profile list table including information acting as a key to retrieve at least one ore more specific color profiles and composed of a real data portion of the color profile (page 5, paragraph 0119); means for holding data of the color profile; means for storing client-classified discrimination information in regard to the specific color profile print-instructed from the plural client computers; means for storing client-classified access information using the specific color profile, incidentally on the client-classified discrimination information (page 11, paragraph 0207); means for deleting an arbitrary color profile list table and its color profile data; and means for judging, in case of deleting the color profile list table and its color profile data, whether or not to delete the color profile data based on the client-

classified information or the client- i0 classified access information (page 17, paragraph 0246).

Conclusion

Any inquiry concerning this communication should be directed to Michael Burleson whose telephone number is (571) 272-7460 and fax number is (571) 273-7460. The examiner can normally be reached Monday thru Friday from 8:00 a.m. – 4:30p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler Haskins can be reached at (571) 272-7406

KAWilliams

KIMBERLY WILLIAMS
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January 6, 2008